

FIG. 1(A)

Mark A with cycle period
comprising 3 unit frames

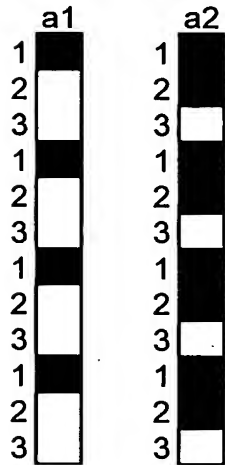


FIG. 1(B)

Mark B with cycle period
comprising 4 unit frames

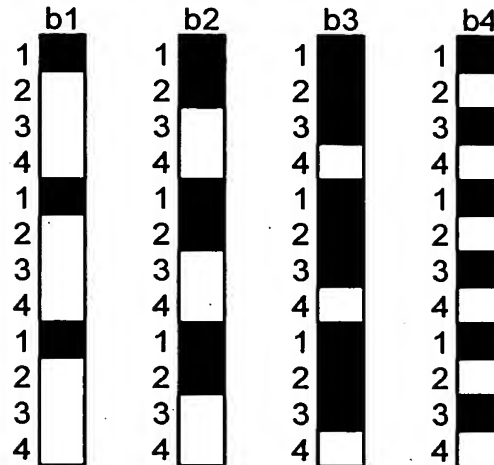
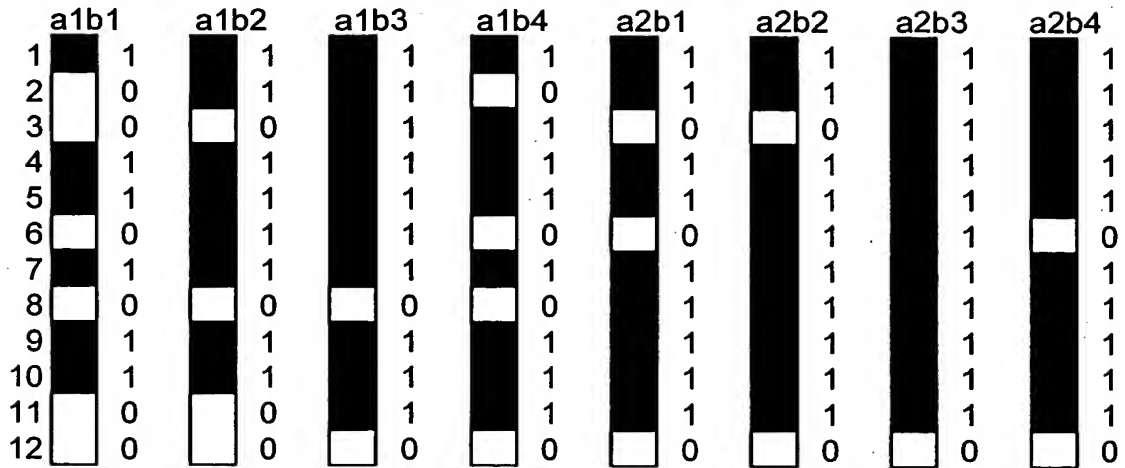


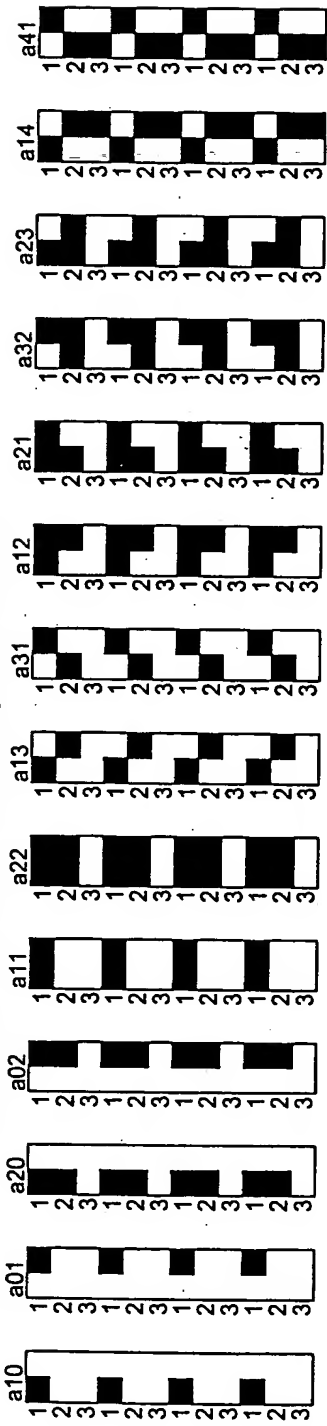
FIG. 1(C)

Combination of Mark A and Mark B

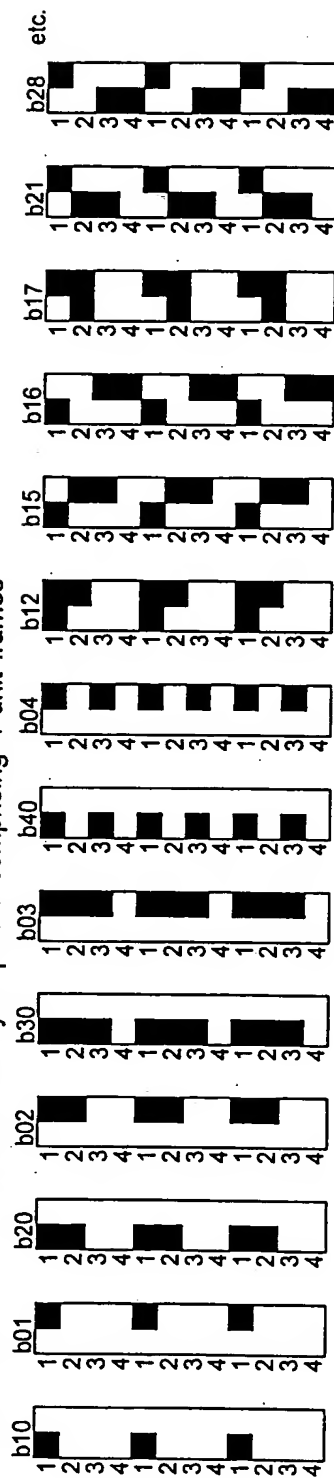


Sensor output

Mark A with cycle period comprising 3 unit frames



Mark B with cycle period comprising 4 unit frames



Combination of Mark A and Mark B

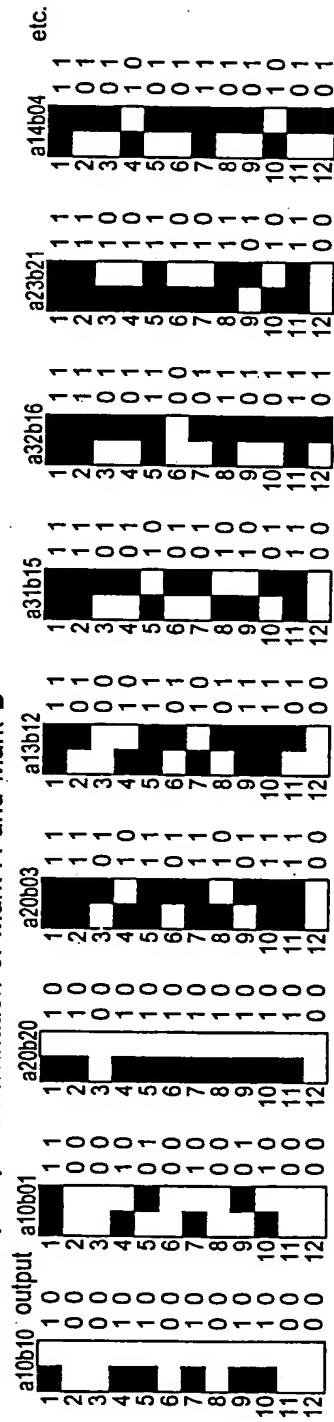


FIG. 3(A)

Mark K with cycle period
comprising 3 unit frames
Black mark

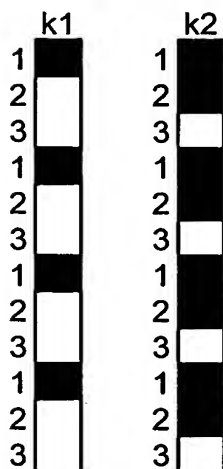


FIG. 3(B)

Mark L with cycle period
comprising 4 unit frames
White mark

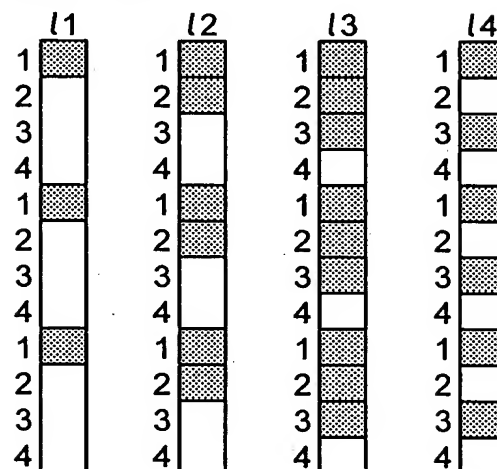
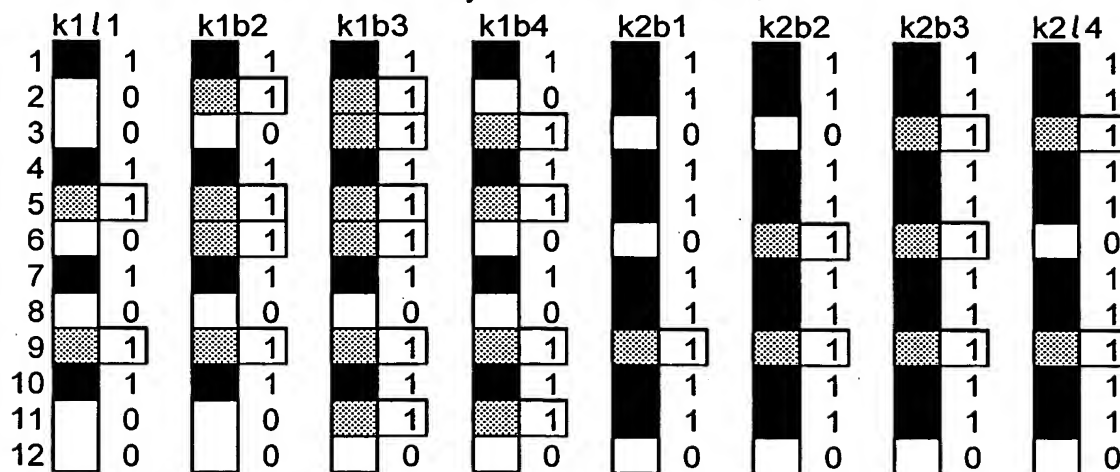


FIG. 3(C)

Combination (Black mark A is layed on White mark B)



Sensor output, in which

Frame ☐ expresses output of White mark

FIG. 4(A) Mark A with cycle period comprising 3 unit frames (a1)



FIG. 4(B) Mark B with cycle period comprising 4 unit frames (b1)



FIG. 4(C) Mark AB with cycle period comprising 12 unit frames (a1b1)



FIG. 4(D) Mark A with cycle period comprising 3 unit frames (a2)



FIG. 4(E) Mark B with cycle period comprising 4 unit frames (b2)



FIG. 4(F) Mark AB with cycle period comprising 12 unit frames (a2b2)



FIG. 6(A) Mark K with cycle period comprising 3 unit frames (k1)



FIG. 6(B) Mark L with cycle period comprising 4 unit frames (l1)



FIG. 6(C) Mark KL with cycle period comprising 12 unit frames (k1l1)



FIG. 6(D) Mark K with cycle period comprising 3 unit frames (k2)



FIG. 6(E) Mark L with cycle period comprising 4 unit frames (l2)



FIG. 6(F) Mark KL with cycle period comprising 12 unit frames (k2l2)

